Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	apparatus$2 same (barrier near2 (layer or film)) same trench$2 same (dielectric near2 (layer or film)) same ((ion near2 implant$5) or dop$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 17:03
S2	1107	apparatus$2 and (barrier near2 (layer or film)) and trench$2 and (dielectric near2 (layer or film)) and ((ion near2 implant$5) or dop$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:43
S3	5	apparatus$2 same((barrier near2 (layer or film)) and trench$2 and (dielectric near2 (layer or film)) and ((ion near2 implant$5) or dop$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 16:05
S4	9	("5897368" | "6110817" | "6218303" | "6239021" | "6258695" | "6300236" | "6340633" | "6342447" | "6352938" | "2001/0010401").PN.	USPAT	OR	OFF	2004/09/10 16:07
S5	1373	apparatus$2 near5 trench$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 16:12
S6	2500	apparatus$2 with trench$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 16:12
S7	62	(apparatus$2 with trench$2) and (barrier near2 (layer or film)) and (dielectric near2 (layer or film))and ((ion near2 implant$5) or dop$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 20:01
S8	108	isaac-stanetta.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 16:29
S9	4	"6713385"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 17:04

S10	3043	((438/221) or (438/296) or (438/359) or (438/424) or (438/449) or (438/527) or (438/528)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/08 09:16
S11	4	(((438/221) or (438/296) or (438/359) or (438/424) or (438/449) or (438/527) or (438/528)).CCLS.) and (apparatus$2 with trench$2) and (barrier near2 (layer or film)) and (dielectric near2 (layer or film))and ((ion near2 implant$5) or dop$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/10 20:01
S12	194	apparatus same ((trench$3 or groov$3) near3 (silicon near2 (wafer$1 or substrate$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 12:58
S13	30	S12 and (((ion near2 implant$5) or dop$3) same (dielectric or insulat$3 or fill$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:05
S14	4230	apparatus same (((ion near2 implant$5) or dop$3) same (dielectric or insulat$3 or fill$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:17
S15	46	S14 and ((trench$3 or groov$3) near3 (silicon near2 (wafer$1 or substrate$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:09
S16	2764	(((ion near2 implant$5) or dop$3) near3 (dielectric or insulat$3 or fill$3)) same (trench$3 or groov$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 09:45
S17	383	S16 and apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:19

S18	360	S17 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:20
S19	1566	(((ion near2 implant$5) or dop$3) near3 (dielectric or insulat$3)) same (trench$3 or groov$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:39
S20	232	S19 and apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:21
S21	221	S20 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 13:21
S22	1161	((ion near2 implant$5) or dop$3) near3 ((dielectric or insulat$3) near2 (layer$1 or film$1)) same (trench$3 or groov$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 15:22
S23	154	S22 and apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 15:23
S24	3212	((438/221) or (438/296) or (438/359) or (438/424) or (438/449) or (438/527) or (438/528)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 13:29
S25	2089	S24 and (trench$2 or groov$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:43
S26	2021	S25 and (((ion near2 implant$5) or dop$3) near5 ((trench$2 or groov$2) near2 fill$3) or dielectric or insulat$3 or fill$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:52

S27	1631	S26 and (planar$7 or (cmp or (chemical near2 polish$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:49
S28	367	S27 and nitrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:50
S29	2021	S25 and (((ion near2 implant$5) or dop$3) near ((trench$2 or groov$2) near2 fill$3) or dielectric or insulat$3 or fill$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 19:52
S30	3301	((438/221) or (438/296) or (438/359) or (438/424) or (438/449) or (438/527) or (438/528)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 11:45
S31	24	S30 and ((ion$1 or (ion near implant$5) or dop$3) near3 ((dielectric or insulat$3) near2 (trench$2 or groov$2 or apeture$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/18 11:48
S32	3516	((438/221) or (438/296) or (438/359) or (438/424) or (438/449) or (438/527) or (438/528)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/08 09:16
S33	3082	(((ion near2 implant$5) or dop$3) near3 (dielectric or insulat$3 or fill$3)) same (trench$3 or groov$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 09:45
S34	146	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 09:45
S35	13	S34 and ((high$3 or increas$3) near2 etch$3 near rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 09:46

S36	7024	((438/221) or (438/296) or (438/359) or (438/423) or (438/424) or (438/433) or (438/449) or (438/527) or (438/528) or (438/692) or (438/700)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 13:38
S37	144	S36 and ((((ion near2 implant$5) or dop$3) near3 (dielectric or insulat$3)) same (trench$3 or groov$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:46
S38	234	S36 and ((((ion near2 implant$5) or dop$3) near3 (dielectric or insulat$3 or fill$3)) same (trench$3 or groov$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:46
S39	16205	"10" and (("CMP" or planar$7) near5 (trench$2 or groove$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:47
S40	97	S38 and (("CMP" or planar$7) near5 (trench$2 or groove$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:47

| S41 | 108 | ("3629023" \| "3979239" \| "4010583" \| "4193226" \| "4256535" \| "4261791" \| "4373991" \| "4393628" \| "4505720" \| "4600469" \| "4677043" \| "4768883" \| "4778532" \| "4789648" \| "4811522" \| "4879258" \| "4933715" \| "4944836" \| "4954141" \| "4956313" \| "4962423" \| "4968381" \| "4986878" \| "5032203" \| "5057462" \| "5064683" \| "5084419" \| "5209816" \| "5262354" \| "5273558" \| "5288333" \| "5294570" \| "5312777" \| "5320706" \| "5320978" \| "5340370" \| "5346584" \| "5362668" \| "5362669" \| "5363550" \| "5376482" \| "5389194" \| "5389579" \| "5392361" \| "5395801" \| "5397741" \| "5401691" \| "5406111" \| "5421769" \| "5435772" \| "5436488" \| "5441094" \| "5453639" \| "5459096" \| "5468983" \| "5486265" \| "5492858" \| "5494857" \| "5503962" \| "5525840" \| "5531861" \| "5541427" \| "5551986" \| "5573633" \| "5578523" \| "5591239" \| "5595937" \| "5602423" \| "5607345" \| "5616513" \| "5629242" \| "5643406" \| "5643823" \| "5643836" \| "5652176" \| "5656097" \| "5662769" \| "5664990" \| "5665202" \| "5666985" \| "5676587" \| "5695572" \| "5702977" \| "5721172" \| "5728308" \| "5776808" \| "5782675" \| "5786260" \| "5837612" \| "5906532" \| "5919082" \| "5928959" \| "5943590" \| "5952687" \| "5963841" \| "5972124" \| "5972792" \| "6010964" \| "6016000" \| "6042996" \| "6063689" \| "6136713" \| "6143663" \| "6200896" \| "6218267" \| "6227956" \| "6265315" \| "6435944").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/08 13:48 |
| S42 | 0 | ("6969684").URPN. | USPAT | OR | OFF | 2005/12/08 13:51 |

S43	2	("6514833" | "6576558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/08 13:52
S44	24	("4577395" | "4589193" | "4654120" | "4722910" | "5021355" | "5059550" | "5212106" | "5215937" | "5229316" | "5258332" | "5275965" | "5281550" | "5292683" | "5298110" | "5300447" | "5396096" | "5408116" | "5413945" | "5482878" | "5506168" | "5521422" | "5607875" | "5677229" | "5741738").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/08 13:56
S45	11	("6084276").URPN.	USPAT	OR	OFF	2005/12/08 13:58
S46	3	("4571819" | "5316965" | "5616513").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/08 14:01
S47	15	("5902127").URPN.	USPAT	OR	OFF	2005/12/08 15:08
S48	249	(438/433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 15:09
S49	3	("20020098661" | "20020137306" | "6221734").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/08 15:13